

June 1894.

## of Comet Gale.

549

Observations of Comet Gale made with the 11½-inch Refractor of Sydney Observatory.

1894.	Syd. M. T.	Δ R.A.	Δ N.P.D.	Op.	App. R.A. h m s	App. N.P.D. h m s	Log p. Δ	App. N.P.D.	Log p. Δ	Red. ad l. app. s	*	Observer.
Apr.	5	7 59 17	- 2 15 31	- 6 11.8	9 2 42 22.44	9 938	145 36 22.7	0.488	- 1.00 + 1.7	"	R. P. Sellors.	
	5	8 42 39	- 4 11.6	+ 1 57.8	8 2 42 34.62	9 926	145 36 17.8	0.624	- 0.99 + 1.8	2	"	
	5	8 56 6	- 5 34.66	+ 5 36.2	4 2 42 37.99	9 916	145 36 17.9	0.658	- 1.00 + 1.8	3	"	
	12	8 15 0	+ 4 47.20	+ 5 49.1	5 3 36 41.84	9 929	144 46 26.5	0.455	- 1.06 + 1.8	4	H. C. Russell.	
	12	8 49 1	- 4 38.23	- 2 49.1	5 3 36 55.63	9 924	144 46 4.5	0.572	- 1.06 + 2.2	5	R. P. Sellors.	
	12	9 27 48	- 4 39.62	+ 9 1.5	4 3 37 11.04	9 907	144 45 33.4	0.673	- 1.05 + 2.3	6	"	
	16	9 11 8	- 12 36.20	- 1 9.8	2 4 19 48.30	9 906	142 54 42.2	0.570	- 1.01 + 3.8	7	"	
	17	7 36 27	- 3 59.70	- 2 50.3	7 4 31 8.06	9 881	142 13 6.5	0.074	- 1.00 + 3.7	8	"	
	20	7 57 15	+ 4 35.92	- 7 30.4	5 5 11 0.82	9 847	138 59 19.1	0.121	- 0.87 + 4.6	9	"	
	23	8 36 9	+ 4 31.66	+ 6 54.1	6 5 54 47.44	9 809	133 41 40.0	0.292	- 0.65 + 6.0	10	"	
	23	6 8 59	+ 0 29.90	+ 1 49.4	6 5 55 7.86	9 824	133 38 37.3	0.425	- 0.63 + 6.2	11	"	
	24	8 0 47	- 4 6.74	- 3 21.8	7 6 9 18.36	9 754	131 26 20.6	0.101	- 0.52 + 6.8	12	"	
	25	7 55 17	+ 1 58.60	- 2 38.8	6 6 24 8.11	9 718	128 49 55.1	0.098	- 0.45 + 6.8	13	"	
	26	7 57 51	+ 2 13.73	- 8 38.7	5 6 38 57.68	9 690	125 53 36.2	0.159	- 0.33 + 6.9	14	"	
	27	7 37 40	+ 2 35.00	+ 2 25.5	10 6 53 20.30	9 626	122 41 55.4	0.142	- 0.23 + 6.9	15	"	
	27	8 12 35	- 1 21.26	+ 2 6.3	10 6 53 41.29	9 679	122 36 50.6	0.270	- 0.20 + 7.1	16	"	

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## Mean Places of Comparison Stars, 1894°.

*	R.A. 1894°. h m s	N.P.D. 1894°. ° ' " "	Authority.
1	2 44 38.75	145 42 32.8	Cord. Z. C. 1209.
2	2 46 46.77	145 34 18.2	St. 1169, Cord. G. C. 3051.
3	2 48 13.95	145 30 39.9	St. 1177, Cord. G. C. 3081.
4	3 31 55.70	144 40 35.6	St. 1494, Cord. G. C. 3970.
5	3 41 34.92	144 48 51.4	St. 1583, Cord. G. C. 4176.
6	3 41 51.71	144 36 29.6	St. 1586, Cord. G. C. 4185.
7	4 32 25.51	142 55 48.2	Cord. G. C. 5213.
8	4 35 8.76	142 15 53.1	Cord. G. C. 5267.
9	5 6 25.77	139 6 44.9	St. 2266, Cord. G. C. 5954.
10	5 50 16.43	133 34 39.9	St. 2684, Cord. G. C. 6965.
11	5 54 38.59	133 36 41.7	Cord. G. C. 7092.
12	6 13 25.62	131 29 35.6	Cord. G. C. 7607.
13	6 22 17.96	128 52 27.1	Cord. G. C. 7851.
14	6 36 44.28	126 2 8.0	Cord. G. C. 8255.
15	6 50 45.53	122 39 23.0	Cord. G. C. 8654.
16	6 55 2.75	122 34 37.2	St. 3338, Cord. G. C. 8769.

Observatory, Sydney :  
1894 April 30.

## Observations of Gale's Comet (b 1894) made at the Royal Observatory, Greenwich.

(Communicated by the Astronomer Royal.)

The observations were made with the East, or Sheepshanks, equatorial, aperture 6·7 inches, by taking transits over two cross-wires at right angles to each other, and each inclined 45° to the parallel of declination. Magnifying power 55.

Greenwich Mean Solar Time.	Observer.	R.A. m s	Corr. for Refraction.	Log factor of Parallax.	Corr. for Refraction.	Log factor of Parallax.	No. of Comps.	Apparent R.A.	Apparent N.P.D.	Comp. Star.
May 12 9 48 26	C.D.	- 0 39.40	0.00	9.4993	+ 0 33" 2'	0' 0"	0.8001	2	9 37 27.97	69 29 9.8
12 11 57 7	"	+ 0 47.99	0.00	9.5933	- 3 46.2	- 0' 3	0.6225	7	10 6 12.35	61 40 23.8
17 9 21 20	"	+ 0 36.92	0.00	9.4657	+ 2 27.1	0' 0"	0.6234	3	10 6 11.94	61 40 20.8
17 9 22 32	B.	+ 0 36.51	0.00	9.4684	+ 2 24.1	0' 0"	0.6452	2	10 11 22.06	60 26 31.7
18 10 3 26	A.C.	- 3 18.47	0.00	9.5378	- 4 52.7	0' 0"	0.6558	3	10 11 23.58	60 26 14.0
18 10 14 46	D.	- 3 16.95	0.00	9.5519	- 5 10.4	0' 0"	0.6916	3	10 11 29.02	60 24 18.5
18 10 51 51	J.	- 3 11.51	0.00	9.5899	- 7 5.8	- 0' 1	0.5666	3	10 24 59.34	57 27 9.2
21 9 24 33	H.	- 0 52.49	0.00	9.4852	+ 22 38.9	+ 0' 1	0.6016	6	10 25 6.26	57 26 3.5
21 9 56 31	"	+ 1 42.81	0.00	9.5383	- 0 56.6	0' 0"	0.5491	3	...	i
21 9 56 31	"	- 1 25.00	0.00	9.5383	- 3 42.4	0' 0"	0.5589	3	...	h
23 9 30 42	A.C.	- 0 7.83	0.00	9.5040	+ 14 28.4	0' 0"	0.6016	6	10 25 5.81	57 26 4.4
23 9 38 56	"	- 1 40.12	0.00	9.5181	- 14 30.9	0' 0"	0.5589	3	...	g